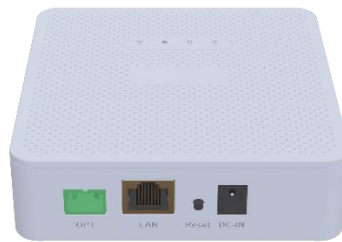


AZ547G

10GE XGS-PON SFU



Descriptions

The AZ547G is a 10GE XGSPON fiber optic modem, which is designed to meet the FTTH ultra-wide band access requirements of home and SOHO users. It supports NAT / firewall and other functions. It is based on stable and mature GPON technology with high cost-performance and layer 2 Ethernet switch technology. It is reliable and easy to maintain, guarantees QoS, and fully conforms to ITU-T g.9807 XGSPON standard.

Features

- XGS-PON WAN port with 10Gbps uplink / 10Gbps downlink link speed;
- 1x 10/100/1000/2.5G/5G/10G BASE-T Ethernet RJ45 Ports;

Specifications

AZ547G Specifications	
CPU	Dual-Core ARM Cortex-A55 at 1.0GHz
Chip model	RTL9615C
Memory	NAND FLASH 1Gbit(128MB)/DDR4 4Gbit (512MB)
Bob Driver	GN28L98
PON Protocol Specification	<p>The XGS-PON(10G/10G)ITU-T G.9807.1 MAC supports the following features</p> <p>Supports data rate of:</p> <ul style="list-style-type: none"> ~10Gbps(9953 Mbps)downstream. ~10Gbps(9953Mbps) upstream. Up to 256 GEM port-IDs. Up to 40 AllocIDs. Ranging and activation process support. <p>Downstream characteristics:</p> <ul style="list-style-type: none"> -Downstream AES-128 encryption and key exchange process. -Downstream FECRS(248216). -Dedicated independent queues for PLOAM and CPU packets. <p>Upstream characteristics:</p> <ul style="list-style-type: none"> -Upstream AES-128 encryption and key exchange process. -Upstream FECRS(248216.) -Normal queues for PLOAM and CPU. <p>Support ToD synchronization perITU-TG.9807.1.</p> <p>Support ONU power saving operation perITU-TG.9807.1.</p>
Network Protocol Specifications	<p>ANSI/IEEE 802.3 NWay auto-negotiation</p> <p>802.1D bridging</p> <p>VLAN Translation</p> <p>IP ToS/DSCP to 802.1p mapping</p> <p>Class of Service based on UNI, VLAN-ID, 802.1p bit, and combination</p> <p>Marking/remarking of 802.1p</p> <p>IGMP v2/v3 snooping and IGMP snooping with proxy report</p> <p>Broadcast/Multicast rate limiting</p>

	<p>802.1Q VLAN tagging/un-tagging</p> <p>Support flexible traffic classification</p> <p>Support VLAN Intelligent Bridging and Cross Connect mode</p>
Interface	<p>WAN: 1*10G optical interface (APC)</p> <p>LAN: 1*10/100/1000/2.5G/5G/10G auto MDI/MDI-X RJ-45 ports</p>
LED Indicators	Power, PON, LOS, INTERNET, 10G LAN
Power Supply	DC12V 1.0A
Security	Firewall, Dos Protection
WAN Networking	<p>Static IP WAN connection</p> <p>DHCP client WAN connection</p> <p>PPPoE WAN connection</p>
Management	<p>Standard OMCI (G.988)</p> <p>Web GUI (HTTP/HTTPS)</p> <p>Firmware upgrade via FTP/TFTP/HTTP</p> <p>Telnet, Web, SSH</p> <p>CLI command via telnet/console</p> <p>Two-level administration privilege for web configuration</p> <p>Configuration backup/restore</p> <p>TR069</p>
Product Size	105X105X33.5mm(length X width X height)
Work Environment	<p>Working temperature: -0°C—40°C</p> <p>Working humidity: 5—95%</p>

Applications



Contact us

AZROAD TECHNOLOGY COMPANY LTD.

Mail to: sales@azroad.com

URL: <http://www.azroad.com/en>

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